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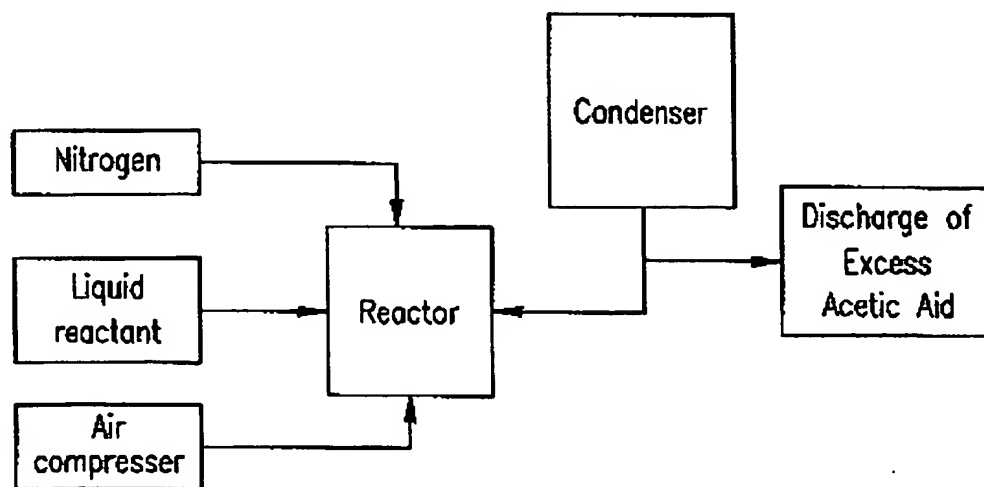
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(54) Title: PREPARATION METHOD OF NAPHTHALENE DICARBOXYLIC ACID



(57) Abstract: The present invention relates to a method for the preparation of naphthalene dicarboxylic acid, and more particularly, to a method for the preparation of naphthalene dicarboxylic acid by oxidizing dimethylnaphthalene with oxygen in air in the presence of acetic acid solvent using the metal catalysts of cobalt and manganese, and using bromine as a reaction initiator, wherein the temperature of said oxidation reaction is 155 to 180 °C. The method for the preparation of naphthalene dicarboxylic acid of the invention enables the preparation of naphthalene dicarboxylic acid having high purity with a high yield in an economical way at a low temperature.

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INTERNATIONAL SEARCH REPORT

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PCT/KR 03/00883-0

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: C07C 63/38, C07C 51/265

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN:CAS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 1999/018059 A1 (Eastman Chemical Company) 15 April 1999 (15.04.1999) <i>claims, page 3, line 28 - page 6, line 26</i>	1-6
P,X	WO 2003/022791 A1 (Lonza Spa) 20 March 2003 (20.03.2003) <i>claims, example.</i>	1-3,4,5,7
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☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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